



Food Grade CO2 Suppliers and Producers

EPA is providing information on food grade CO2 suppliers and producers in the event that water utilities need to identify alternative companies, pursuant to Section 1442(a)(2) of the Safe Drinking Water Act¹. EPA does not endorse companies or specific products, absent any statutory authority to do so, and recommends that utilities contact individual companies for additional information.

Food Grade CO2 Suppliers

There are relatively few CO2 suppliers, and they are listed below. Many of them operate in multiple states. Facilities that produce food grade CO2 often sell that CO2 to a supplier that can process (e.g., purify, compress) and deliver the CO2 to water utilities and other customers.

Food Grade CO2 Suppliers

Air Liquide/AirGas www.airliquide.com/group/contact-us	Air Products www.airproducts.com/contact-us.aspx	Linde/Praxair https://www.praxair.com/contact-us	Matheson www.mathesongas.com/contactus
Messer www.messergroup.com/contact	POET www.poet.com/contact	Reliant www.reliantmetro.com/contact.aspx	Carbonic Systems www.carbonic.com/carbonic_web_005.htm

Food Grade CO2 Producers

The map on the following page provides information on facilities that produce food grade CO2 and utilities that utilize CO2. This map shows the location of CO2 producers relative to water utilities as proximity to a CO2 source can be a critical constraint given that long distance transport of high purity CO2 can be prohibitive in terms of expense and logistics. In addition, food grade CO2 producers are listed by state in the tables.

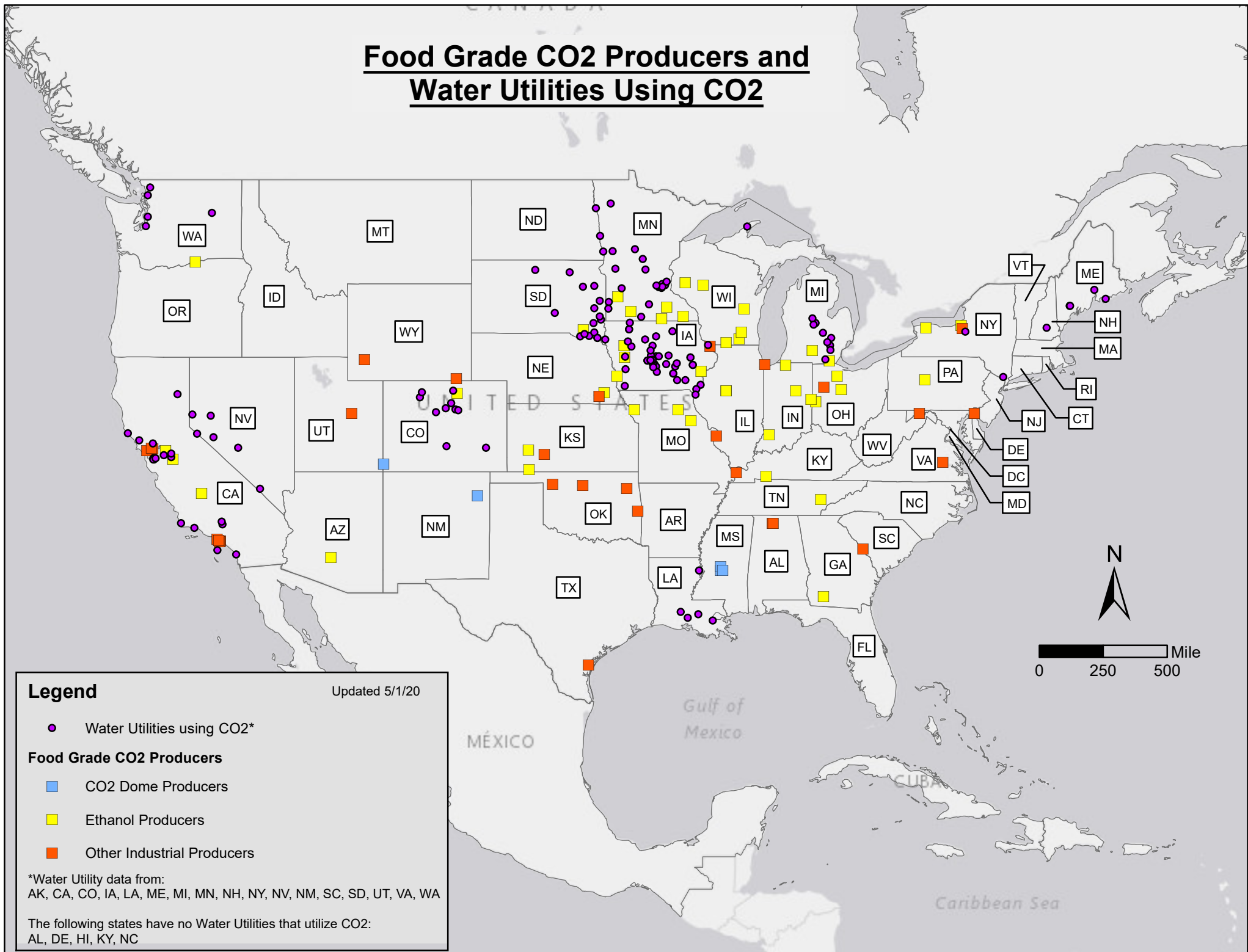
If your company is a supplier or producers of food grade CO2 to water utilities, please contact EPA at Minton.Gabrielle@epa.gov to be included on this list or for additional information.

¹ 42 USC 300j-1(a)(2)

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Food Grade CO2 Producers and Water Utilities Using CO2



Food Grade CO2 Producers by State

Alabama		
Name	Supply Type	City
Indorama Ventures, Xylenes and PTA, LLC	Refinery	Decatur
Linde Gas North America LLC, Decatur Plant	Refinery	Decatur

Arizona		
Name	Supply Type	City
Pinal Liquide Energy LLC	Ethanol	Maricopa

California		
Name	Supply Type	City
Aemetis Biofuels	Ethanol	Keyes
Calgren Renewable Fuels	Ethanol	Pixley
Pacific Ethanol Inc.	Ethanol	Stockton
Chevron Prods. Co. Richmond Refinery	Refinery	Richmond
Chevron Products, El Segundo Refinery	Refinery	El Segundo
Los Angeles Refinery (LAR)	Refinery	Carson
Phillips 66 Los Angeles Refinery - Carson Plant	Refinery	Carson
Phillips 66 Los Angeles Refinery - Wilmington Plant	Refinery	Wilmington
Tesoro Refining and Marketing Company Golden Eagle Refinery	Refinery	Martinez
Torrance Refining Company LLC	Refinery	Torrance
Valero Refining Co - California Benicia Refinery	Refinery	Benicia

Colorado		
Name	Supply Type	City
Front Range Energy	Ethanol	Windsor
Linde LLC Cortez Plant	Natural Geologic	Montezuma County

Delaware		
Name	Supply Type	City
Pinal Liquide Energy LLC	Ethanol	Maricopa

Georgia		
Name	Supply Type	City
Flint Hills Resources Camilla, LLC	Ethanol	Pelham
PCS Nitrogen Fertilizer, L.P.	Ammonia	Augusta

Illinois		
Name	Supply Type	City
Illinois Corn Processing LLC	Ethanol	Pekin
Pacific Ethanol Pekin, LLC	Ethanol	Pekin
East Dubuque Nitrogen Fertilizers, LLC	Ammonia	East Dubuque

Indiana		
Name	Supply Type	City
Cardinal Ethanol, LLC	Ethanol	Union City
Central Indiana Ethanol, LLC	Ethanol	Marion
Grain Processing Corp	Ethanol	Washington
South Bend Ethanol, LLC	Ethanol	South Bend
Praxair - Whiting, In 1-4	Refinery	East Chicago

Iowa		
Name	Supply Type	City
Grain Processing Corp	Ethanol	Muscatine
Quad County Corn Processors	Ethanol	Galva
Southwest Iowa Renewable Energy (SIRE)	Ethanol	Council Bluffs
The Andersons Denison Ethanol, LLC	Ethanol	Denison

Kansas		
Name	Supply Type	City
Arkalon Ethanol LLC	Ethanol	Liberal
Bonanza Bioenergy, LLC	Ethanol	Garden City
Kansas Ethanol LLC	Ethanol	Lyons
Koch Fertilizer Dodge City, LLC	Ammonia	Dodge City

Kentucky		
Name	Supply Type	City
Commonwealth Agri-Energy LLC	Ethanol	Hopkinsville
Phoenix Paper Wickliffe LLC	Pulp and Paper	Ballard

Maryland		
Name	Supply Type	City
AES Warrior Run	Power Plant	Cumberland

Michigan		
Name	Supply Type	City
Andersons Albion Ethanol LLC	Ethanol	Albion
Green Plains Holdings II LLC	Ethanol	Riga

Minnesota		
Name	Supply Type	City
Air Liquide-Corn Clean Fuel	Ethanol	Claremont
Archer Daniels Midland	Ethanol	Marshall
Poet Biorefining - Preston, LLC	Ethanol	Preston
Poet Biorefining Glenville LLC	Ethanol	Albert Lea
Poet Biorefining-Bingham Lake	Ethanol	Bingham Lake

Mississippi		
Name	Supply Type	City
Barksdale CO2 Dehydration Facility	Ethanol	Rankin
Gluckstadt CO2 Dehydration Facility	Ethanol	Madison
Jackson Dome CO2 Dehydration Facility	Ethanol	Rankin

Montana		
Name	Supply Type	City
ICM Biofuels LLC (Lifeline Foods)	Ethanol	Saint Joseph
Poet Biorefining Laddonia	Ethanol	Laddonia
Poet Biorefining-Macon	Ethanol	Macon
Anheuser-Busch LLC. - St. Louis Brewery	Food and Beverage	St. Louis City

Nebraska		
Name	Supply Type	City
E Energy Adams	Ethanol	Adams
Koch Fertilizer Beatrice, LLC	Ammonia	Beatrice

New Mexico		
Name	Supply Type	City
Libby Ranch CO2 Production	Natural Geologic	Harding

New York		
Name	Supply Type	City
Sunoco Fulton Ethanol Plant	Ethanol	Fulton
Western New York Energy LLC	Ethanol	Medina
Anheuser Busch Baldwinsville Brewery	Food and Beverage	Onondaga County

Ohio		
Name	Supply Type	City
Andersons Marathon Ethanol LLC	Ethanol	Greenville
Marion Ethanol LLC D/B/A Poet Biorefining	Ethanol	Marion
Poet Biorefining	Ethanol	Fostoria
PCS Nitrogen Ohio, L.P.	Ammonia	Lima

Oklahoma		
Name	Supply Type	City
AES Shady Point, LLC	Power Plant	Le Flore County
Koch Fertilizer Enid LLC Enid Nitrogen PLT	Ammonia	Enid
Pryor Chemical Company	Ammonia	Pryor
Terra International (Oklahoma) Inc	Ammonia	Woodward

Oregon		
Name	Supply Type	City
Pacific Ethanol Columbia LLC	Ethanol	Boardman

Pennsylvania		
Name	Supply Type	City
Pennsylvania Grain Processing	Ethanol	Clearfield

South Dakota		
Name	Supply Type	City
Poet Research Center, Inc.	Ethanol	Scotland

Tennessee		
Name	Supply Type	City
Tate & Lyle-Loudon	Ethanol	Loudon

Texas		
Name	Supply Type	City
Valero Corpus Christi Refinery East Plant	Refinery	Corpus Christi

Utah		
Name	Supply Type	City
XTO - Castle Valley	Refinery	Price

Virginia		
Name	Supply Type	City
Du Pont James River Gypsum Plant	Refinery	Richmond

Wisconsin		
Name	Supply Type	City
Ace Ethanol LLC	Ethanol	Stanley
Badger State Ethanol	Ethanol	Monroe
Big River Resources Boyceville, LLC	Ethanol	Boyceville
Fox River Valley Ethanol, LLC	Ethanol	Oshkosh
United Ethanol	Ethanol	Milton
Valero Jefferson Plant	Ethanol	Jefferson

Wyoming		
Name	Supply Type	City
Cheyenne Plant	Ammonia	Cheyenne
Shute Creek Facility	Refinery	Lincoln County